

# MILK PRODUCTION

M A Y 1970

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June 11, 1970  
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## May milk production same as a year earlier

U. S. milk production in May is estimated at 11,019 million pounds, about the same as a year earlier. Daily average production for May was up 3 percent from April, compared with a 4 percent gain a year earlier. May output provided 1.73 pounds of milk per person daily for all uses, compared with 1.68 pounds a month earlier, and 1.75 pounds a year earlier. Production during the first 5 months of 1970 was about 0.4 percent more than a year earlier.

May production was larger than a year earlier in 22 States, unchanged in 11, but down in 17. Of the 5 leading milk-producing States, production was up in Wisconsin, Pennsylvania and California, but down in Minnesota and New York.

## Rate per cow up 2 percent from a year earlier--milk cows down 2 percent

Milk output per cow averaged 883 pounds in May--up 2 percent from a year earlier. Daily output per cow averaged 28.5 pounds--4 percent more than in April, about the same as a year earlier. Production per cow was highest in Washington, at 1,080 pounds, followed by California, 1,050; Arizona, 1,010; Minnesota 1,000; and New Jersey 990 pounds. Milk cows on farms during May totaled 12,482,000, down 2 percent from a year ago.

## Milk feed price ratio 2 percent above a year earlier

The May milk feed price ratio, at 1.67, is 2 percent above a year earlier and a record high for the date. Higher milk prices more than offset an increase in ration value. The ratio was down 3 percent seasonally from April.

## Grain and concentrates feeding rate up 4 percent

Grain and other concentrates fed on June 1 averaged 10.9 pounds per milk cow--up 4 percent from a year earlier and a record high for the date. Feeding rates were above a year earlier in 35 States and averaged 11 or more pounds per cow in 23 States. A year earlier, 16 States fed grain and concentrates at that level.

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June 1 pastures good to excellent

Pasture condition was good to excellent in most areas of the Nation on June 1. Reported condition was 85 percent of normal, 5 percentage points below a year earlier, but 3 points above the 1959-68 average for June 1. In early May, the West was generally cool but the East had above normal temperatures which favored early pasture growth. By mid-May, wet cold weather prevailed in the Northwest and upper North Central sections, but the Southeast needed rain. Remnants of the season's first tropical storm, Alma, moving northeastward through Florida and Georgia on May 25 and later into southern Virginia brought rain to stimulate pasture growth.

All North Atlantic States reported pasture condition 89 percent of normal or better on June 1. Condition in the North Central States ranged from 80 in North Dakota to 95 percent in Indiana, Illinois and Wisconsin. Reported condition in the South Atlantic States varied more widely. Florida reported 65 percent of normal--lowest of the 48 States. After 6 weeks without rain, Florida pastures benefited from late May rains and should continue to improve under favorable conditions. South Carolina, hurt by dry weather in mid-May, reported 78 percent on June 1 and should improve as result of recent rains. The high for South Atlantic States--95--was reported for Delaware and Virginia. Reported pasture conditions for the South Central States ranged from 75 percent in Alabama to 95 in Kentucky. Although rains at the end of May brought some relief to Alabama pastures, more general rain will still be needed to overcome effects of the May drought. Oklahoma and Texas, reporting 76 and 78 respectively, were below last month and last year. Pasture condition in the West ranged from 70 percent of normal in New Mexico to 92 in Nevada. Condition was reported below the June 1 average in Arizona, Utah and California, where drying winds and lack of moisture took their toll.

Milk cows and milk production, by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
January .....	13,235	12,818	12,544	717	734	750	9,495	9,411	9,412	0
February .....	13,200	12,795	12,530	696	687	706	9,187	8,792	8,840	+0.5
March .....	13,164	12,765	12,514	775	780	803	10,197	9,960	10,053	+0.9
April .....	13,132	12,743	12,500	796	806	826	10,457	10,265	10,330	+0.6
May .....	13,097	12,721	12,482	858	867	883	11,235	11,034	11,019	-0.1
Jan. - May total ....	---	---	---	---	---	---	50,571	49,462	49,654	+0.4
June .....	13,056	12,701		826	847		10,786	10,759		
July .....	13,024	12,678		783	800		10,202	10,142		
August .....	12,990	12,653		740	764		9,612	9,673		
September .....	12,952	12,626		701	726		9,083	9,165		
October .....	12,917	12,601		706	725		9,124	9,138		
November .....	12,880	12,579		677	691		8,717	8,691		
December .....	12,847	12,559		711	730		9,139	9,170		
Annual .....	13,038	12,689		8,992	9,158		117,234	116,200		

1/ Includes dry cows. Excludes heifers not yet fresh.

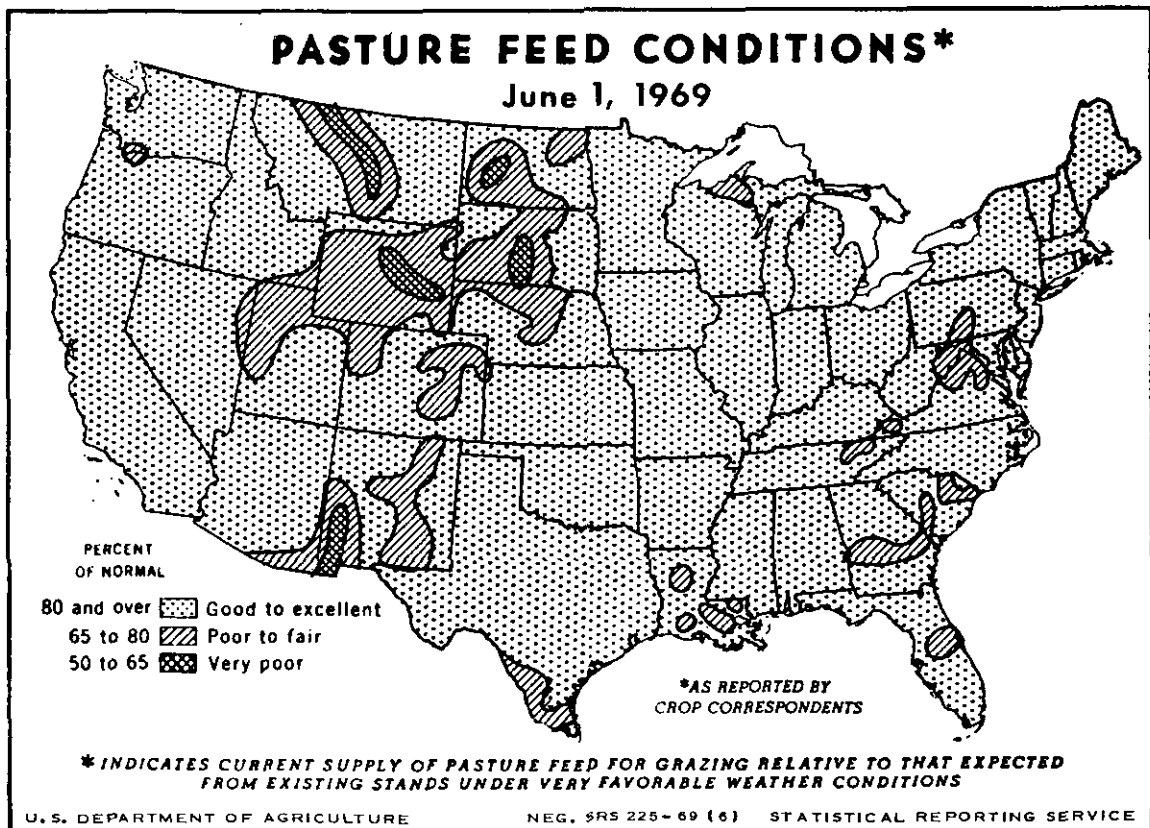
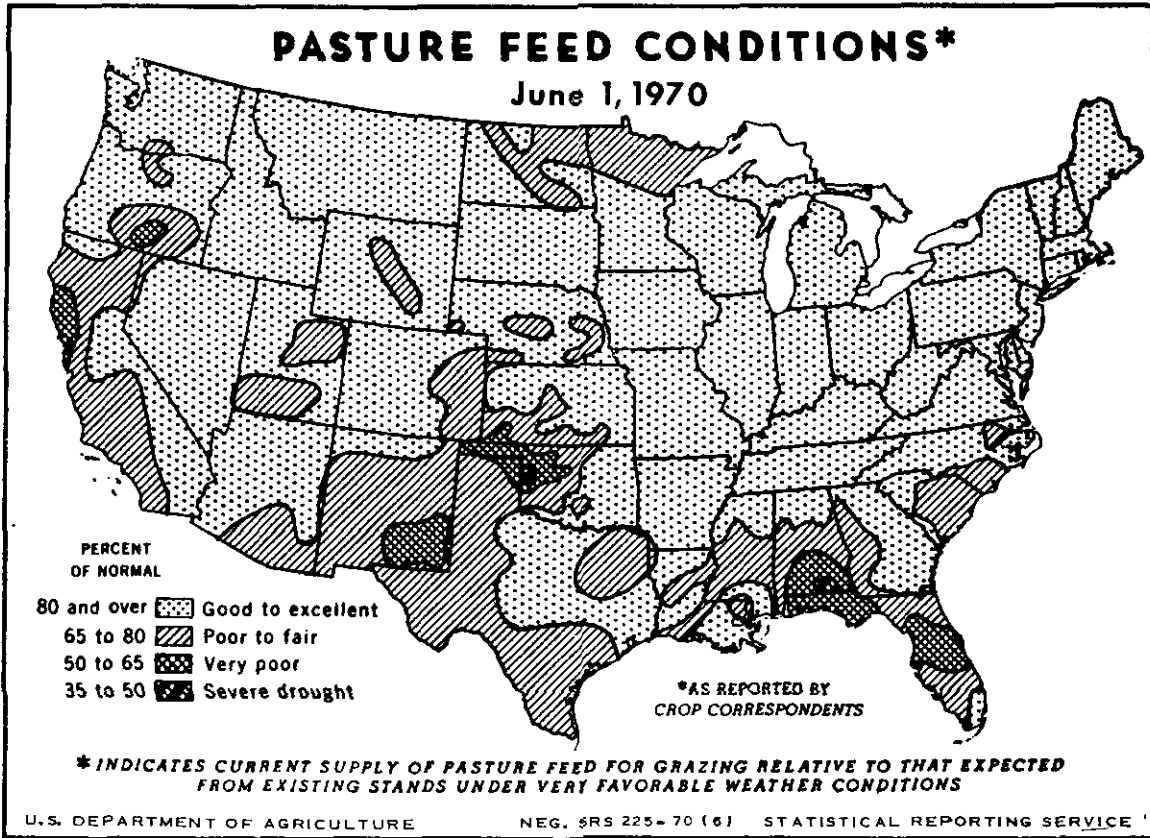
2/ Excludes milk sucked by calves.

May milk cows and milk production

State	Milk cows on farms <u>1/</u>			Milk per cow <u>2/</u>			Milk production <u>2/</u>			:Change : from : 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
Maine	70	69	69	785	805	805	55	56	56	0
New Hampshire	39	38	38	835	860	860	33	33	33	0
Vermont	210	206	205	855	875	890	180	180	182	+1
Massachusetts	70	66	66	915	935	935	64	62	62	0
Rhode Island	8.2	7.9	7.6	915	935	930	7.5	7.4	7.1	-4
Connecticut	67	66	66	905	930	920	61	61	61	0
New York	1,044	1,029	1,023	955	970	975	997	998	997	0
New Jersey	79	75	72	980	980	990	77	74	71	-4
Pennsylvania	729	718	715	900	915	930	656	657	665	+1
Ohio	476	464	455	910	920	920	433	427	419	-2
Indiana	251	239	240	900	930	940	226	222	226	+2
Illinois	332	322	319	895	905	895	297	291	286	-2
Michigan	482	473	468	855	880	890	412	416	417	0
Wisconsin	1,893	1,850	1,819	960	955	985	1,817	1,767	1,792	+1
Minnesota	1,062	1,016	960	985	955	1,000	1,046	970	960	-1
Iowa	574	532	495	860	870	850	494	463	421	-9
Missouri	381	369	359	805	810	835	307	299	300	0
North Dakota	159	148	142	780	770	770	124	114	109	-4
South Dakota	204	193	181	800	790	780	163	152	141	-7
Nebraska	216	203	194	760	780	750	164	158	146	-8
Kansas	213	206	201	760	780	775	162	161	156	-3
Delaware	16	15	15	810	830	840	13.0	12.4	12.6	+2
Maryland	171	169	167	805	820	830	138	139	139	0
Virginia	232	225	222	745	760	770	173	171	171	0
West Virginia	67	63	62	565	570	590	38	37	37	0
North Carolina	195	191	189	665	680	700	130	130	132	+2
South Carolina	72	70	67	610	630	640	44	44	43	-2
Georgia	140	140	141	665	685	730	93	96	103	+7
Florida	186	190	191	760	745	755	141	142	144	+1
Kentucky	369	355	345	685	690	720	253	245	248	+1
Tennessee	331	314	306	625	655	680	207	206	208	+1
Alabama	144	139	135	480	510	535	69	71	72	+1
Mississippi	210	202	196	460	480	495	97	97	97	0
Arkansas	103	100	97	645	680	670	66	68	65	-4
Louisiana	181	175	174	490	545	565	89	95	98	+3
Oklahoma	155	152	149	770	770	800	119	117	119	+2
Texas	371	350	354	735	770	760	273	270	269	0
Montana	47	45	43	750	780	810	35	35	35	0
Idaho	156	155	153	880	875	880	137	136	135	-1
Wyoming	19.6	19.0	18.7	735	740	750	14.4	14.1	14.0	-1
Colorado	99	101	102	770	795	800	76	80	82	+2
New Mexico	38	37	36	710	730	720	27	27	26	-4
Arizona	51	52	52	925	980	1,010	47	51	53	+4
Utah	75	76	79	910	950	950	68	72	75	+4
Nevada	13.6	13.8	13.9	900	905	910	12.2	12.5	12.6	+1
Washington	185	182	179	1,020	1,060	1,080	189	193	193	0
Oregon	114	110	109	870	900	910	99	99	99	0
California	781	776	777	1,020	1,020	1,050	797	792	816	+3
Alaska	1.8	1.8	1.9	835	845	890	1.50	1.52	1.69	+11
Hawaii	13.6	12.5	12.7	880	935	930	12.0	11.7	11.8	+1
United States	13,097	12,721	12,482	858	867	883	11,235	11,034	11,019	-0.1

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.



June 1 pasture feed condition as percentage of normal, by States

State	Average 1959-68	1969	1970	State	Average 1959-68	1969	1970
Percent				Percent			
Maine	87	87	89	N. C.	83	89	90
N. H.	86	87	91	S. C.	78	86	78
Vt.	87	90	95	Ga.	78	87	80
Mass.	84	88	91	Fla.	67	84	65
R. I.	87	88	92				
Conn.	84	88	90	Ky.	88	95	95
N. Y.	85	91	94	Tenn.	85	89	89
N. J.	80	87	89	Ala.	78	91	75
Pa.	84	90	93	Miss.	79	88	81
				Ark.	82	90	82
Ohio	88	93	94	La.	74	87	82
Ind.	91	94	95	Okla.	78	95	76
Ill.	90	93	95	Texas	74	90	78
Mich.	89	92	93				
Wis.	86	92	95	Mont.	81	81	90
				Idaho	86	92	88
Minn.	85	91	88	Wyo.	80	74	83
Iowa	88	93	92	Colo.	71	86	83
Mo.	84	92	92	N. Mex.	62	85	70
N. Dak.	78	79	80	Ariz.	84	84	80
S. Dak.	77	85	87	Utah	81	84	79
Nebr.	78	88	86	Nev.	79	97	92
Kans.	74	95	85	Wash.	86	91	86
				Oreg.	87	95	87
Del.	80	90	95	Calif.	80	92	72
Md.	81	85	90				
Va.	84	85	95	U. S.	82	90	85
W. Va.	80	85	84				

Milk-feed price ratios, milk prices, and ration value, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	May 1969	April 1970	May 1970	May 1969	April 1970	May 1970	May 1969	April 1970	May 1970
	Pounds			Dollars					
N. Atl.	1.52	1.62	1.58	5.50	6.00	5.88	3.63	3.70	3.72
E. N. Cent.	1.64	1.72	1.67	4.94	5.24	5.17	3.01	3.05	3.10
W. N. Cent.	1.69	1.79	1.73	4.49	4.82	4.78	2.66	2.70	2.77
S. Atl.	1.84	1.86	1.80	6.38	6.68	6.58	3.47	3.60	3.66
S. Cent.	1.73	1.77	1.74	5.70	5.95	5.88	3.30	3.36	3.38
West	1.59	1.68	1.66	5.02	5.43	5.38	3.15	3.24	3.25
U. S.	1.63	1.72	1.67	5.15	5.51	5.43	3.15	3.21	3.25

1/ Data for current month are preliminary.

2/ Pounds of concentrate ration equal in value to 1 pound milk sold to plants.

3/ Value per 100 pounds of concentrate ration fed to milk cows.

Grain and other concentrates fed daily per milk cow in herd  
kept by reporters, June 1, by States

State	1968	1969	1970
	<u>Pounds</u>		
Maine	10.0	12.2	11.5
New Hampshire	10.2	11.4	11.5
Vermont	9.1	10.2	10.5
Massachusetts	11.7	13.1	13.4
Rhode Island	11.5	12.9	13.3
Connecticut	11.7	13.0	13.1
New York	10.2	10.6	10.8
New Jersey	11.3	12.0	11.9
Pennsylvania	12.3	12.2	12.7
Ohio	11.0	10.9	12.0
Indiana	9.5	9.7	12.0
Illinois	10.0	9.9	10.3
Michigan	11.0	10.0	9.8
Wisconsin	10.1	10.1	10.3
Minnesota	11.1	11.2	11.8
Iowa	9.6	10.3	10.1
Missouri	8.5	8.4	9.3
North Dakota	9.2	10.1	10.3
South Dakota	8.9	8.2	9.9
Nebraska	8.3	9.0	9.0
Kansas	10.7	11.7	12.4
Delaware	11.6	13.2	12.8
Maryland	11.5	12.3	12.8
Virginia	9.8	10.1	8.5
West Virginia	6.7	7.1	8.0
North Carolina	10.0	10.0	10.0
South Carolina	9.5	10.5	11.3
Georgia	12.0	11.5	12.5
Florida	10.0	11.0	12.0
Kentucky	6.8	8.1	8.7
Tennessee	7.9	8.4	8.3
Alabama	8.5	9.0	11.0
Mississippi	8.0	10.0	9.0
Arkansas	9.5	10.8	11.7
Louisiana	9.0	9.2	10.7
Oklahoma	11.0	11.0	11.4
Texas	8.0	12.7	12.9
Montana	6.8	6.0	8.8
Idaho	7.1	7.8	8.1
Wyoming	5.2	5.5	6.5
Colorado	8.8	10.0	12.7
New Mexico	10.0	10.0	10.7
Arizona	8.6	10.0	11.0
Utah	9.0	8.3	9.5
Nevada	9.2	9.5	9.0
Washington	8.0	9.0	9.9
Oregon	8.4	9.0	8.0
California	12.0	13.0	13.0
United States	10.0	10.5	10.9

## FORAGE FED TO MILK COWS DURING 1969-70 WINTER FEEDING SEASON

The hay equivalent of forage fed to milk cows during the 1969-70 winter feeding season averaged 3.7 tons per cow, unchanged from a year earlier. Hay equivalent is based on hay fed plus an allowance of 1 ton of hay for every 3 tons of silage fed. Forage does not include pasture or grazing of crop residues.

### Hay feeding rate unchanged

Milk cows were fed an average of 2.4 tons of hay during the 1969-70 winter feeding period, unchanged from a year earlier. Alfalfa or alfalfa mixtures accounted for 73 percent of all hay fed, the same as a year earlier. Clover or mixed clover was next in importance with 15 percent of the total, up 1 percentage point from a year earlier. Coastal Bermuda made up 2 percent of the U.S total and lespedeza, 1 percent. Other hay amounted to 9 percent of the total, down 2 percentage points from a year earlier.

### Silage feeding same

Silage fed during the 1969-1970 winter feeding season averaged 3.9 tons per milk cow, the same as a year earlier. Corn silage was the leading type, representing 80 percent of all silage fed during the 1969-1970 winter feeding season. Grass silage, at 14 percent of the U. S. total, was next in importance. The percentages of both corn and grass silage were unchanged from a year earlier. Sorghum silage accounted for 3 percent of the total, down 1 percentage point from a year earlier. Other silage at 3 percent of the total, was up 1 percentage point from a year earlier.

### Hay values increase

Reported value of hay fed to milk cows on February 1, 1970, averaged \$25.89 per ton, up \$1.17 from a year earlier. Based on reports from respondents, 90 percent of the hay fed was baled, 5 percent was loose and 5 percent was chopped. Last year, 90 percent was baled, 6 percent was loose and 4 percent was chopped.

### Slightly more hay purchased

Farmers purchased 20 percent of the hay fed to milk cows during the 1969-1970 winter feeding season compared with 19 percent a year earlier.

Hay and silage fed per milk cow in herds kept by dairy reporters,  
winter feeding period ending in May, by States, 1969 and 1970 <sup>1/</sup>

State	Hay		Silage		Hay equivalent of all forage <sup>2/</sup>	
	1969	1970	1969	1970	1969	1970
	----- Tons -----					
Me., N. H., Vt. ....:	2.7	2.7	3.4	3.3	3.8	3.8
Mass., R. I., Conn. :	1.9	2.0	4.6	4.7	3.4	3.6
N. Y. ....:	2.7	2.8	4.9	4.9	4.3	4.4
N. J. ....:	1.9	2.0	6.4	6.5	4.0	4.2
Pa. ....:	1.8	1.8	3.5	3.6	3.0	3.0
Ohio ....:	2.3	2.2	4.4	4.6	3.8	3.7
Ind. ....:	2.0	2.0	5.8	5.9	4.0	4.0
Ill. ....:	2.1	2.1	4.4	4.4	3.6	3.6
Mich. ....:	2.6	2.6	4.8	5.0	4.2	4.3
Wis. ....:	2.7	2.6	5.0	4.7	4.4	4.2
Minn. ....:	3.1	2.9	4.2	4.3	4.5	4.3
Iowa ....:	2.6	2.6	3.4	3.8	3.7	3.9
Mo. ....:	2.5	2.5	3.5	3.4	3.7	3.6
N. Dak. ....:	3.0	3.2	2.9	2.8	4.0	4.1
S. Dak. ....:	2.3	2.8	3.8	3.6	3.6	4.0
Nebr. ....:	2.2	2.2	3.2	3.2	3.2	3.3
Kans. ....:	2.2	2.0	4.0	4.0	3.5	3.3
Del., Md. ....:	1.8	1.6	5.8	6.3	3.8	3.7
Va. ....:	1.6	1.4	6.0	6.5	3.6	3.6
W. Va. ....:	1.9	1.9	5.0	6.1	3.6	3.9
N. C. ....:	1.0	1.0	6.2	6.3	3.1	3.1
S. C. ....:	1.0	1.1	6.1	6.1	3.1	3.1
Ga. ....:	1.0	.9	5.0	5.4	2.7	2.7
Fla. ....:	.6	.6	2.3	2.3	1.4	1.4
Ky. ....:	1.6	1.8	2.9	3.1	2.5	2.8
Tenn. ....:	1.5	1.6	2.4	2.5	2.3	2.4
Ala. ....:	1.2	1.3	3.0	3.2	2.2	2.4
Miss. ....:	1.2	1.2	2.6	2.8	2.0	2.1
Ark. ....:	2.0	2.0	a/	2.6	2.8	2.9
La. ....:	1.5	1.5	2.1	2.1	2.2	2.2
Okla. ....:	2.4	2.7	1.7	1.9	3.0	3.3
Texas ....:	2.4	2.4	1.2	1.2	2.7	2.8
Mont. ....:	3.6	3.2	1.6	1.9	4.2	3.8
Idaho ....:	4.0	3.9	2.9	3.0	4.9	4.9
Wyo. ....:	a/	3.9	a/	a/	3.8	4.5
Colo. ....:	3.1	3.1	3.6	3.4	4.3	4.2
N. Mex. ....:	3.2	3.2	3.3	a/	4.3	4.3
Ariz. ....:	3.0	3.0	a/	a/	3.9	4.0
Utah ....:	4.0	3.9	3.9	3.9	5.3	5.2
Nev. ....:	a/	4.0	a/	a/	5.0	4.6
Wash. ....:	2.8	2.8	3.2	3.2	3.9	3.9
Oreg. ....:	3.1	3.2	3.2	3.2	4.2	4.3
Calif. ....:	3.5	3.6	1.5	1.6	4.0	4.1
U. S. ....:	2.4	2.4	3.9	3.9	3.7	3.7

<sup>1/</sup> Based on tonnage fed during the October-May winter feeding period, as reported on May 1, and number of milk cows in herds on that date. <sup>2/</sup> Does not include pasture or grazing of crop residues. In computing hay equivalent, 3 tons of silage are considered equal to 1 ton of hay. a/ Number of reports not sufficient to establish a stable average.



Hay: Percentage by kinds fed to milk cows in herds kept by dairy reporters, winter feeding period ending in May, by States, 1969 and 1970 <sup>1/</sup>

State	Alfalfa or mixed alfalfa		Clover or mixed clover		Lespedeza		Coastal bermuda		Other	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	P e r c e n t									
Me., N. H., Vt. ....	29	35	57	59	--	--	--	--	14	6
Mass., R. I., Conn. ...	40	42	50	49	--	--	--	--	10	9
N. Y. ....	60	55	24	28	--	--	--	--	16	17
N. J. ....	78	87	5	9	--	--	--	--	17	4
Pa. ....	46	52	35	33	--	--	--	--	19	15
Ohio ....	63	58	28	35	--	--	--	--	9	7
Ind. ....	81	74	16	17	--	--	--	--	3	9
Ill. ....	86	84	13	15	--	--	--	--	1	1
Mich. ....	91	93	9	6	--	--	--	--	--	1
Wis. ....	87	89	12	11	--	--	--	--	1	--
Minn. ....	82	85	6	8	--	--	--	--	12	7
Iowa ....	88	84	11	16	--	--	--	--	1	--
Mo. ....	80	76	6	10	3	3	--	--	11	11
N. Dak. ....	72	73	2	--	--	--	--	--	26	27
S. Dak. ....	90	94	1	--	--	--	--	--	9	6
Nebr. ....	89	92	1	2	--	--	--	--	10	6
Kans. ....	84	86	--	4	--	--	--	--	16	10
Del., Md. ....	44	58	51	39	1	1	--	--	4	2
Va. ....	37	41	32	38	2	4	--	--	29	17
W. Va. ....	55	53	36	40	--	--	--	--	9	7
N. C. ....	20	23	25	24	13	10	8	5	34	38
S. C. ....	1	3	6	--	10	9	56	58	27	30
Ga. ....	8	11	6	5	9	6	53	52	24	26
Fla. ....	a/	a/	a/	a/	a/	a/	a/	a/	a/	a/
Ky. ....	45	40	33	41	12	10	--	--	10	9
Tenn. ....	21	20	37	38	20	18	1	--	21	24
Ala. ....	2	4	12	7	8	9	31	29	47	51
Miss. ....	7	12	17	17	14	12	6	7	56	52
Ark. ....	41	36	8	6	13	18	4	5	34	35
La. ....	14	11	4	4	3	--	20	27	59	58
Okla. ....	68	78	1	--	1	2	3	2	27	18
Texas ....	44	56	1	--	1	--	16	17	38	27
Mont. ....	92	91	3	5	--	--	--	--	5	4
Idaho ....	97	97	2	3	--	--	--	--	1	--
Wyo. ....	99	96	1	1	--	--	--	--	--	3
Colo. ....	93	97	2	--	--	--	--	--	5	3
N. Mex. ....	96	97	--	--	--	--	--	--	4	3
Ariz. ....	100	100	--	--	--	--	--	--	--	--
Utah ....	97	99	2	1	--	--	--	--	1	--
Nev. ....	100	98	--	2	--	--	--	--	--	--
Wash. ....	82	84	14	11	--	--	--	--	4	5
Oreg. ....	70	70	22	20	--	--	--	--	8	10
Calif. ....	93	94	1	2	--	--	--	--	6	4
U. S. ....	73	73	14	15	1	1	1	2	11	9

<sup>1/</sup> For October-May winter feeding period as reported May 1. a/ Number of reports not sufficient to establish a stable average.

Silage: Percentage by kinds fed to milk cows in herds kept by dairy reporters, winter feeding period ending in May, by States, 1969 and 1970 <sup>1/</sup>

State	Corn silage		Grass silage		Sorghum silage		Other silage	
	1969	1970	1969	1970	1969	1970	1969	1970
P e r c e n t								
Me., N. H., Vt. ....:	78	90	17	7	--	--	5	3
Mass., R. I., Conn. ..:	85	88	14	12	--	--	1	--
N. Y. ....:	86	83	14	16	--	--	--	1
N. J. ....:	80	80	18	17	1	2	1	1
Pa. ....:	89	88	9	9	--	--	2	3
Ohio ....:	81	81	17	17	1	1	1	1
Ind. ....:	79	77	18	13	--	--	3	10
Ill. ....:	77	72	17	25	6	3	--	--
Mich. ....:	85	80	15	20	--	--	--	--
Wis. ....:	73	75	25	24	--	--	2	1
Minn. ....:	88	86	11	9	--	--	1	5
Iowa ....:	85	85	13	15	1	--	1	--
Mo. ....:	77	70	8	21	11	9	4	--
N. Dak. ....:	90	93	9	6	1	--	--	1
S. Dak. ....:	82	90	6	2	7	4	5	4
Nebr. ....:	49	58	22	30	29	11	--	1
Kans. ....:	40	46	--	4	55	48	5	2
Del., Md. ....:	94	93	5	2	--	2	1	3
Va. ....:	91	94	2	3	3	1	4	2
W. Va. ....:	92	98	6	2	--	--	2	--
N. C. ....:	93	83	5	12	--	5	2	--
S. C. ....:	86	98	1	--	8	2	5	--
Ga. ....:	86	86	4	3	8	10	2	1
Ky. ....:	85	88	9	9	5	2	1	1
Tenn. ....:	88	84	8	12	--	4	4	--
Ala. ....:	72	67	8	9	15	11	5	13
Miss. ....:	55	72	1	16	40	7	4	5
La. ....:	84	81	--	11	11	5	5	3
Okla. ....:	9	6	11	8	78	86	2	--
Texas ....:	39	34	--	--	50	45	11	21
Mont. ....:	81	75	19	23	--	--	--	2
Idaho ....:	94	99	5	1	--	--	1	--
Colo. ....:	89	99	4	--	4	--	3	1
Utah ....:	90	81	7	9	--	8	3	2
Wash. ....:	43	50	41	33	--	--	16	17
Oreg. ....:	65	78	35	20	--	--	--	2
Calif. ....:	93	93	4	6	--	--	3	1
U. S. ....:	80	80	14	14	4	3	2	3

<sup>1/</sup> Data are shown only for those States where the reported amount fed was sufficient to provide a stable breakdown by kinds.

Value per ton of hay fed to milk cows in herds kept by dairy reporters and percentage reporting on baled, loose, and chopped hay, by States, February 1, 1969 and 1970 <sup>1/</sup>

State	Value per ton				Number of reports as percentage of total					
	Baled		All <sup>2/</sup>		Baled		Loose		Chopped	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	Dollars				Percent					
Me., N. H., Vt. ....	26.00	29.00	25.50	28.50	96	95	2	2	2	3
Mass., R. I., Conn. :	33.50	36.00	33.50	36.00	97	99	3	1	0	0
N. Y. ....	24.00	25.50	23.50	25.50	95	95	2	2	3	3
N. J. ....	36.00	36.50	36.00	36.50	97	97	0	0	3	3
Pa. ....	28.00	30.50	28.00	30.50	100	100	0	0	0	0
Ohio ....	25.00	25.50	25.00	25.50	95	94	3	2	2	4
Ind. ....	26.00	26.00	25.50	25.50	93	92	2	1	5	7
Ill. ....	23.50	25.00	23.50	25.00	95	92	1	0	4	8
Mich. ....	22.50	23.00	22.50	22.50	89	86	3	3	8	11
Wis. ....	19.50	19.50	19.00	19.50	84	87	2	2	14	11
Minn. ....	23.50	22.00	23.00	22.00	92	95	5	3	3	2
Iowa ....	20.50	21.00	20.50	21.00	93	95	2	1	5	4
Mo. ....	24.50	25.00	24.50	25.00	96	95	1	1	3	4
N. Dak. ....	19.00	21.00	17.50	19.50	63	61	34	32	3	7
S. Dak. ....	23.00	20.50	22.00	20.00	58	58	35	34	7	8
Nebr. ....	22.50	20.00	21.50	18.50	59	57	36	35	5	8
Kans. ....	23.00	23.50	22.50	23.00	90	87	7	7	3	6
Del., Md. ....	32.00	35.50	31.50	35.50	96	97	3	1	1	2
Va. ....	36.50	37.50	36.50	37.50	98	95	2	2	0	3
W. Va. ....	31.00	31.00	30.50	31.00	90	95	10	5	0	0
N. C. ....	33.50	34.00	33.00	33.50	93	93	5	4	2	3
S. C. ....	33.50	33.50	33.00	33.00	92	92	7	7	1	1
Ga. ....	31.00	32.00	30.50	32.00	96	97	2	0	2	3
Fla. <sup>3/</sup> ....	---	---	36.00	36.50	--	--	--	--	--	--
Ky. ....	27.00	27.50	27.00	27.50	96	96	3	3	1	1
Tenn. ....	30.00	31.00	30.00	31.00	96	98	3	2	1	0
Ala. ....	32.50	33.00	32.50	32.50	93	94	3	2	4	4
Miss. ....	27.00	28.00	27.00	27.50	93	95	4	3	3	2
Ark. ....	24.50	29.00	24.00	28.50	93	93	5	5	2	2
La. ....	25.00	29.50	25.00	29.50	99	99	0	1	1	0
Okla. ....	26.00	29.00	25.50	28.50	97	95	1	0	2	5
Texas ....	28.50	32.00	28.50	32.00	96	95	2	3	2	2
Mont. ....	25.50	26.00	25.00	25.00	79	81	14	16	7	3
Idaho ....	22.50	25.00	22.50	24.50	95	96	3	1	2	3
Wyo. ....	22.50	27.50	22.50	27.00	86	83	12	13	2	4
Colo. ....	28.00	28.00	27.50	27.50	89	89	9	9	2	2
N. Mex. ....	33.50	35.00	33.50	34.50	94	98	4	2	2	0
Ariz. ....	30.50	38.50	30.50	38.50	97	97	0	0	3	3
Utah ....	25.00	28.50	24.50	28.50	95	93	1	0	4	7
Nev. ....	25.00	30.00	25.00	30.00	91	87	0	0	9	13
Wash. ....	32.50	31.00	32.00	30.50	96	95	3	2	1	3
Oreg. ....	28.50	28.00	28.00	27.50	91	93	2	2	7	5
Calif. ....	30.50	35.50	30.50	35.50	96	99	0	0	4	1
U. S. ....	24.96	26.09	24.72	25.89	90.0	90.1	5.5	5.1	4.5	4.8

<sup>1/</sup> Reporters were requested to report value only for the type of hay being fed. <sup>2/</sup> Includes reports on value of baled, loose, or chopped hay. <sup>3/</sup> Florida data not available by type.

UNITED STATES DEPARTMENT OF AGRICULTURE  
 STATISTICAL REPORTING SERVICE  
 WASHINGTON, D. C. 20250



OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Purchased hay as percentage of all hay fed to milk cows in herds kept by dairy reporters,  
 winter feeding season ending in May, by States, 1969 and 1970 1/

State	1969	1970	State	1969	1970
--Percent--			--Percent--		
Me., N. H., Vt. ....	7	8	Ga. ....	16	4
Mass., R. I., Conn. ....	17	20	Fla. ....	a/	a/
N. Y. ....	3	4	Ky. ....	6	6
N. J. ....	23	17	Tenn. ....	4	4
Pa. ....	6	5	Ala. ....	28	11
Ohio ....	11	6	Miss. ....	9	8
Ind. ....	6	5	Ark. ....	41	42
Ill. ....	6	6	La. ....	28	25
Mich. ....	5	6	Okla. ....	53	52
Wis. ....	3	3	Texas ....	56	62
Minn. ....	3	7	Mont. ....	29	33
Iowa ....	5	1	Idaho ....	35	37
Mo. ....	15	17	Wyo. ....	40	22
N. Dak. ....	8	6	Colo. ....	58	26
S. Dak. ....	9	5	N. Mex. ....	86	82
Nebr. ....	19	15	Ariz. ....	93	89
Kans. ....	13	17	Utah ....	35	38
Del., Md. ....	12	7	Nev. ....	65	38
Va. ....	5	6	Wash. ....	68	67
W. Va. ....	20	8	Oreg. ....	52	43
N. C. ....	16	12	Calif. ....	81	92
S. C. ....	19	11	U. S. ....	19	20

1/ Based on tonnage fed during October-May winter feeding season, as reported on May 1.  
a/ Number of reports not sufficient to establish a stable average.